



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Riverview-Trenton Railroad Status Update

Community Advisory Group (CAG) Meeting  
February 8, 2024

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MARC MESSINA

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# Interim Measures Work Plan Field Work

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- RTRR's consultant ASTI conducted drilling and monitoring well installation starting on 1/31/24.
- The groundwater sampling event is scheduled for 2/7/24 and is expected to require six workdays to complete.
- EGLE MMD's project Geologist, Marc Messina, was on-site at RTRR to observe the field work on 1/31/24 and 2/1/24.
- According to the schedule in the Interim Measures Work Plan (IM Work Plan), The Investigation Report on the interim measure investigations is expected to be completed in late April.

# Signs

- The City of Riverview installed two No Trespassing signs along the tracks on Payne Avenue.
- Wayne County Environmental Services Division provided additional No Contact signs that were installed under the No Trespassing signs on 1/25/24.



## Area Inspection

- Wayne County DPS visited the area adjacent to the northwest corner of the property on 12/12/23.
- Pooling was observed north of West Jefferson and EGLE MMD was notified.
- EGLE staff contacted RTRR to inform the facility of the presence of the high pH solution.



# 1/8/24 Area Inspection Photos

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# 1/24/24 Area Inspection

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- EGLE MMD conducted a visit to the area adjacent to the northwest corner of the property on 1/24/24 and observed high-pH water flowing into Monguagon Creek via the ditch/outfall on the north side of West Jefferson Avenue.
- The pH of the water flowing from the outfall was 11.63 standard units.
- EGLE MMD informed EGLE Water Resources Division (WRD) of the observations to discuss and coordinate next steps.
- Prior to construction of the rail crossing, WRD issued RTRR a permit on 11/10/22 to remove the existing stormwater outfall, and construct one 1.5-foot diameter stormwater outfall to Monguagon Creek as part of the construction.
- EGLE WRD reached out to Wayne County DPS, and the county is amenable to enclosing the ditch, extending the outfall to the stream bank, and making sure the ground contour between the railroad and the stream bank alongside the road is high enough so that surface water cannot move from the railroad to the stream over the ground surface alongside the road.

# 1/24/24 Area Inspection Photos

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# 1/31/24 and 2/1/24 Site Visits

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- Marc Messina visited the RTRR facility on 1/31/24, and 2/1/24, to be present on-site for drilling and monitoring well installation that is part of the work outlined in the Area of Interest Interim Measures Work Plan (IM Work Plan).
- While on-site, Marc observed and sampled multiple locations with high pH liquids present, including:
  - A groundwater seep emanating from the RTRR shoreline into Monguagon Creek. (pH was 12.44)
  - Water observed pooling off-site to the north along the railroad. (pH was 12.74)
  - Water in the ditch/outfall on the north side of West Jefferson Avenue. (pH was 12.23)
  - The on-site area immediately south of the railroad crossing. (pH was 13.00)



# 2/1/24 Site Visit Photos

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# Facility Response

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- EGLE contacted RTRR and informed them that based on results of testing performed during this visit, high-pH liquid is migrating from the RTRR property in at least two pathways.
- EGLE requested that RTRR take the following immediate actions:
  - By no later than 5:00 pm on 2/2/24: Contact the city of Riverview to coordinate and provide resources to restrict public access to any off-site pooled liquids.
  - By no later than 5:00 pm on 2/5/24: Begin control of on-site groundwater/high pH upwelling and migration through pumping.
  - By no later than 5:00 pm on 2/16/24: Provide a plan to EGLE to investigate and remedy the mechanism(s) responsible for the upwelling of the high-pH liquid in the northwest corner and the migration therefrom.

# Facility Response Continued

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- RTRR would contact the City of Riverview to coordinate and provide resources to restrict public access to any pooled liquids not on the RTRR property.
- RTRR installed a temporary fence on 2/2/24 in accordance with the Temporary Fence Plan that they submitted to EGLE on 2/2/24.
- RTRR responded on 2/5/24 stating that they will install a pump system to remove stormwater on the RTRR property adjacent to Jefferson Avenue. The system will be installed east of the new rail line located on RTRR property south and east of Jefferson.
- RTRR's environmental consultant will be on-site to inspect the storm drains, recently installed by the County, to identify connections to the outfall and review other options for pumping stormwater.
- All liquids will be pumped to frac tanks located within the fenced area of the RTRR property.

# Fencing Photos



# Questions

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